IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Matalon	
Serial No.:	10/826,112	Examiner: Unknown
Filed:	April 17, 2004	Art Unit: 1614
For:	METHODS AND MATERIALS FOR TREATING CONDITIONS ASSOCIATED WITH METABOLIC DISORDERS	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97-1.98

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97-1.98, applicant hereby brings to the attention of the United States Patent and Trademark Office ("PTO") the references listed on the attached PTO-1449 form. Copies of foreign patent documents and non-patent literature listed on the attached PTO-1449 form are enclosed.

An English-language summary is provided at the end of the foreign-language reference Martyniuk et al, "Restoration of the Potential-dependent L-Phenylalanine-Induced Calcium Current by L-Tyrosine in Cultured Hippocampal Neurons," Neurofiziologia (Russian), 23(2):245-247 (1991).

In the event that a fee is necessary in connection with the filing of this statement, the Director is authorized to charge Deposit Account No. 50-0772 for any such fee. A duplicate copy of this paper is enclosed.

Dated: August 12, 2004

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.

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Peter Rogalskyj

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
054.00021	10/826,112
Applicant(s)	
Matalon	
Filing Date	**Group Art Unit**
April 17, 2004	1614

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1	4,209,531	06/24/1980	Berry			
	2	4,252,822	02/24/1981	Berry			

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	3	Oldendorf, "Measurement of Brain Uptake of Radiolabelled Substances Using a Tritiated Water Internal Standard," Brain Res., 24(2):372-376 (1970)
	4	Andersen et al., "Lowering Brain Phenylalanine Levels by Giving Other Large Neutral Amino Acids. A New Experimental Therapeutic Approach to Phenylketonuria," Arch. Neurol., 33(10):684-686 (1976)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL		OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*
	5	Kaufman, "Phenylketonuria: Biochemical Mechanisms, " pp. 1-132 in Agranoff et al., eds, Advances in Neurochemistry, New York: Plenum Press (1977)
	6	Pardridge, "Blood-Brain Barrier Amino Acid Transport: Clinical Implications," pp. 87-99 (chapter 6) in Cockburn et al., eds., Inborn Errors of Metabolism in Humans, Lancaster, England: MTP Press Ltd. (1982)
	7	Lou, "Large Doses of Tryptophan and Tyrosine as Potential Therapeutic Alternative to Dietary Phenylalanine Restriction in Phenylketonuria," Lancet, 2(8447):150-151 (1985)
	8	Berry et al, "Valine, Isoleucine and Leucine. A New Treatment for Phenylketonuria," Am. J. Dis. Child., 144:539-543 (1990)
	9	Hidalgo et al., "Transport of a Large Neutral Amino Acid (Phenylalanine) in a Human Intestinal Epithelial Cell Line: Caco-2" Biochim. Biophys. Acta, 1028(1):25-30 (1990)
	10	Martyniuk et al, "Restoration of the Potential-dependent L-Phenylalanine-Induced Calcium Current by L-Tyrosine in Cultured Hippocampal Neurons," Neurofiziologia (Russian), 23(2):245-247
	11	Kaufman, "Some Facts Relevant to a Consideration of a Possible Alternative Treatment for Classical Phenylketonuria," J. Inher. Metab. Dis., 21(supplement 3):4 (1998)
	12	Pardridge, "Blood-Brain Barrier Carrier-Mediated Transport and Brain Metabolism of Amino Acids," Neurochem. Res., 23(5):635-644 (1998)
	13	Pietz et al., "Large Neutral Amino Acids Block Phenylalanine Transport into Brain Tissue in Patients with Phenylketonuria," J. Clin. Invest., 103(8):1169-1178 (1999)
	14	Zielke et al., "LNAAs Auto-Exchange When Infused by Microdialysis Into the Rat Brain: Implication for Maple Syrun Urine Disease and Phenylketonuria," Neurochem. Int., 40(4):347-354 (2002)
	15	Koch et al., "Large Neutral Amino Acid Therapy and Phenylketonuria: A Promising Approach to Treatment," Molecular Genetics and Metabolism, 79:110-113 (2003)
	16	Matalon et al., "Future Role of Large Neutral Amino Acids in Transport of Phenylalanine into the Brain," Pediatrics, 112(6 Pt 2):1570-1574 (2003)

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	17	Ahring et al., "Benefits of Using PreKUnil Tablets as Treatment for Adults with PhenylKetonUria (PKU) in Denmark," http://www.nilab.dk/pdf/prekunil_treatment.pdf (date unknown)

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